



CTMS Lab Interfaces SIG Teleconference Meeting Minutes

| Meeting Date | September 2, 2004 4-5 PM EDT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Attendees: | <p>Working group coordinators: Scott Finley (Booz Allen Hamilton) Harshawardhan Bal (Booz Allen Hamilton)</p> <p>Participants:</p> <table><thead><tr><th>Name</th><th>Email</th><th>Center</th></tr></thead><tbody><tr><td>Bob Lanese</td><td>Robert.Lanese@uhhs.com</td><td>Case Western</td></tr><tr><td>Joyce Niland</td><td>jniland@coh.org</td><td>City of Hope</td></tr><tr><td>Jieping Li</td><td>lj38@georgetown.edu</td><td>Georgetown</td></tr><tr><td>John Speakman</td><td>speakman@biost.mskcc.org</td><td>MSKCC</td></tr><tr><td>Donald Connelly</td><td>don@umn.edu</td><td>U. Minnesota</td></tr><tr><td>Becky Boes</td><td>boesr@msx.upmc.edu</td><td>UPMC</td></tr><tr><td>Sorena Nadaf</td><td>s.nadaf@vanderbilt.edu</td><td>Vanderbilt</td></tr><tr><td>Bob Morrell</td><td>bmorrell@wfubmc.edu</td><td>Wake Forest</td></tr><tr><td>Charles Lu</td><td>charles.lu@yale.edu</td><td>Yale</td></tr><tr><td>Brenda Crocker</td><td>crockerbl@upmc.edu</td><td>UPMC</td></tr><tr><td>John Quigley</td><td>johnq@mail.med.upenn.edu</td><td>U Penn</td></tr><tr><td>Marsha Ketcham</td><td>mketcham@unmc.edu</td><td>University of Nebraska Medical Center</td></tr><tr><td>Oleg Shats</td><td>oshats@unmc.edu</td><td>University of Nebraska Medical Center</td></tr><tr><td>Simon Sherman</td><td>ssherm@unmc.edu</td><td>University of Nebraska Medical Center</td></tr></tbody></table> | | Name | Email | Center | Bob Lanese | Robert.Lanese@uhhs.com | Case Western | Joyce Niland | jniland@coh.org | City of Hope | Jieping Li | lj38@georgetown.edu | Georgetown | John Speakman | speakman@biost.mskcc.org | MSKCC | Donald Connelly | don@umn.edu | U. Minnesota | Becky Boes | boesr@msx.upmc.edu | UPMC | Sorena Nadaf | s.nadaf@vanderbilt.edu | Vanderbilt | Bob Morrell | bmorrell@wfubmc.edu | Wake Forest | Charles Lu | charles.lu@yale.edu | Yale | Brenda Crocker | crockerbl@upmc.edu | UPMC | John Quigley | johnq@mail.med.upenn.edu | U Penn | Marsha Ketcham | mketcham@unmc.edu | University of Nebraska Medical Center | Oleg Shats | oshats@unmc.edu | University of Nebraska Medical Center | Simon Sherman | ssherm@unmc.edu | University of Nebraska Medical Center |
| Name | Email | Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bob Lanese | Robert.Lanese@uhhs.com | Case Western | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Joyce Niland | jniland@coh.org | City of Hope | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jieping Li | lj38@georgetown.edu | Georgetown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| John Speakman | speakman@biost.mskcc.org | MSKCC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Donald Connelly | don@umn.edu | U. Minnesota | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Becky Boes | boesr@msx.upmc.edu | UPMC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sorena Nadaf | s.nadaf@vanderbilt.edu | Vanderbilt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bob Morrell | bmorrell@wfubmc.edu | Wake Forest | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Charles Lu | charles.lu@yale.edu | Yale | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brenda Crocker | crockerbl@upmc.edu | UPMC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| John Quigley | johnq@mail.med.upenn.edu | U Penn | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marsha Ketcham | mketcham@unmc.edu | University of Nebraska Medical Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oleg Shats | oshats@unmc.edu | University of Nebraska Medical Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Simon Sherman | ssherm@unmc.edu | University of Nebraska Medical Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agenda | <ol style="list-style-type: none">1. Discussion regarding the goal of this SIG2. HL7 update3. UMN lab interface4. Proposal for future change to teleconference time | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**General discussion
points raised by
participants:**

The building of a caBIG Laboratory Interface Module based on HL7 version 2.x was perceived to be an arduous undertaking because of the way that HL7v2 is implemented in a site-specific manner.

Donald Connelly gave a presentation entitled, "Lab Testing Ontology: Learning from HL7" and described how HL7 based messaging can be applied to handle laboratory test results.

The complexity of HL7 based messaging led the SIG participants to raise two questions:

1. How do we want to represent lab data?
2. How do we want to share the lab data with caBIG?

A need to interface the efforts of the Lab Interfaces SIG with the Vocabulary and Common Data Elements (VCDE) Working Group was felt.

The question of how to match lab data to protocols was raised. From the large pool of lab data, a case report form (CRF) could be created as a record of the protocol-required information on each trial subject. But the process of selecting the small subset of data could be arbitrary based on who are how it is done and some individuals felt that it couldn't be entirely automated.

A discussion took place about the responsibilities of the AE SIG and this SIG for the lab-to-toxicity module. It was decided to revisit this issue at the next meeting. It is also necessary to capture data from every test since it is not known in advance what tests may be required as toxicities may arise and it is difficult to determine what is protocol specific.

A request for change to the teleconference time was made by Don Connelly. Alternative dates and times were discussed.